























## **KEY NOTES:**

1 NOT USED.

WHERE DISTURBED, SEED WITH NOTED WETLAND OR STREAM BUFFER MIX. SEE DWG SR332 FOR PLANTING SCHEDULE.

REPLACEMENT TREE AND PLANT SCHEDULE AND DETAILS PER DRAWINGS SR332, SR902, SR903 AND SR904.

CRITICAL AREAS REPLACEMENT TREE PER CRITICAL AREAS MANAGEMENT DESIGN.

# NOTES:

- 1. RESTORATION LIMITS SHOWN ARE ESTIMATED. PHYSICAL LIMITS OF IMPACTED AREAS DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS.
- 2. ALL RESTORATION AREAS WILL BE SEEDED. WETLANDS AREAS SHALL BE SEEDED WITH WETLAND SEED MIX AND ALL OTHER AREAS WILL BE SEEDED WITH UPLAND SEED MIX ACCORDING TO 329200.2.01.
- 3. MULCH SHALL BE PLACED AROUND TREE AND SHRUB PLANTING ACCORDING TO DETAILS AND ABOVE ORDINARY HIGH WATER.

# ORIGIN OF SURVEYBASE MAPS:

- AERIAL TOPOGRAPHIC MAPPING BY MILLER CREEK ASSOCIATES.
- SUPPLEMENTAL TOPOGRAPHIC MAPPING AND UTILITY LOCATIONS BY 1 ALLIANCE GEOMATICS.

# DATUM:

NAVD88 = (METRO DATUM) - 96.42 FT

# LEGEND:

# QUANTITY

PI PLANT IDENTIFICATION
(BOTANICAL NAME ABBREVIATED)

CALL 24 HOURS BEFORE YOU DIG: 811

BY APVD DATE REVISION DESCRIPTION

HERRERA

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H. FANCHER AS NOTED REFERENCE D. APPLEGATE XXX PROJECT ACCEPTANCE NTRACT NO E00335E14 XXX

**King County** 

DEPARTMENT OF NATURAL RESOURCES & PARKS
WASTEWATER TREATMENT DIVISION LAKE HILLS TRUNK AND NORTHWEST LAKE SAMMAMISH INTERCEPTOR PROJECT

**SEGMENT 3** SITE RESTORATION PLAN **COUNTRY CREEK** 

September 2019 **SR330B** 

167 / 357 NO: **0** 

- \* TREE SPACING IS ADJUSTED TO 9' O.C. WHERE NOTED ON DRAWINGS SR325 SR328, AND SR330B. THIS REFLECTS KING
- COUNTY CRITICAL AREAS MITIGATION GUIDELINES FOR FORESTED WETLANDS AND BUFFERS.
- \*\*\* RSS= ROADSIDE SHRUB PLANTING ZONE. THE RSS ZONE FALL WITHIN STREAM AND WETLAND BUFFERS WITHIN THE ROAD RIGHT OF WAY. THIS ZONE INCORPORATES LOW GROWING NATIVE SHRUBS.

SEGMENT 3 WETLAND/STREAM BUFFER PLANTING SCHEDULE

### NOTE:

- REFER TO SR333 FOR ADDITIONAL PLANTING SCHEDULES
- 2. PROVIDE TRIANGULAR O.C. SPACING UNLESS OTHERWISE NOTED.

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October 2019

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DESIGNED/DEANNY:

J. FRISTENSKY

PROJECT ENGINEER:
G. BROWER

DESIGN APPROVAL:

XXX

PROJECT ACCEPTANCE:

XXX

E03335E14



DEPARTMENT OF NATURAL RESOURCES & PARKS
WASTEWATER TREATMENT DIVISION
LAKE HILLS TRUNK AND NORTHWEST
LAKE SAMMAMISH INTERCEPTOR PROJECT

SEGMENT 3

**PLANTING SCHEDULE 1** 

DATE:
September 2019
PROJECT FILE NO:

VARIE

SR332

SHT NO / TOTAL REV NO:

POLLINATOR MIX: RANDOMLY MIX THE FOLLOWING SPECIES IN GROUPS SIMILAR TO DETAIL 4, DWG SR902 IN THE QTY. PROPORTIONS SPECIFIED BELOW: QTY. (%) **BOTANICAL NAME** COMMON NAME SIZE ROOT SHRUBS - SPACE AT 3'-0" O.C. **CORNUS SERICEA** REDTWIG DOGWOOD 30"HT #2 CONT. HOLODISCUS DISCOLOR #1 CONT. LONICERA INVOLUCRATA **BLACK TWINBERRY** 30" HT. #2 CONT. RIBES SANGUINEUM FLOWERING CURRANT 18" HT #1 CONT NOOTKA ROSE 4% #1 CONT. ROSA NUTKANA 18" HT **RUBUS PARVAFLORIS** THIMBLEBERRY 5% #1 CONT. RUBUS SPECTABLIS SALMONBERRY #1 CONT. SALIX SCOULERIANA SCOULER'S WILLOW 5% 30" HT #2 CONT. SPIREA DOUGLASII DOUGLAS SPIREA 12" HT #1 CONT SYMPHORICARPOS ALBUS SNOWBERRY 2% #1 CONT. GROUNDCOVER AND PERENNIALS - SPACE AT 18" O.C. RANDOMLY MIX THE FOLLOWING SPECIES IN GROUPS IN THE QTY. PROPORTIONS SPECIFIED BELOW: ARCTOSTAPHYLOS UVA-URSI KINNIKINNICK 6" HT #1 CONT. ECHINACEA PURPUREA PURPLE CONEFLOWER 6" HT #1 CONT. STRAWBERRY #1 CONT. FRAGARIA SP. 10% GAULTHERIA SHALLON SALAL #1 CONT. RUDBECKIA HIRTA BLACK-EYED SUSAN #1 CONT SALVIA OFFICINALIS COMMON SAGE 10% 6" HT #1 CONT.

UPLAND RIPARIAN MIX:							
RANDOMLY MIX THE FOLLOWING SPECIES IN GROUPS SIMILAR TO DETAIL 4, DWG SR902 IN THE QTY. PROPORTIONS SPECIFIED BELOW:							
BOTANICAL NAME COMMON NAME QTY. (%) SIZE RO SHRUBS - SPACE AT 3'-0" O.C.							
							CORNUS SERICEA
LONICERA INVOLUCRATA	BLACK TWINBERRY	5%	30" HT.	#2 CONT.			
MAHONIA AQUIFOLIUM	OREGON GRAPE	5%	18" HT	#1 CONT.			
PHILADELPHUS LEWISII	MOCK ORANGE	2%	12" HT	#1 CONT.			
PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	2%	30" HT	#2 CONT.			
RIBES SANGUINEUM	FLOWERING CURRANT	5%	18" HT	#1 CONT.			
ROSA NUTKANA	NOOTKA ROSE	4%	18" HT	#1 CONT.			
RUBUS PARVAFLORIS	THIMBLEBERRY	5%	18" HT	#1 CONT.			
RUBUS SPECTABLIS	SALMONBERRY	2%	18" HT	#1 CONT.			
SYMPHORICARPOS ALBUS	SNOWBERRY	2%	18" HT	#1 CONT.			
GROUNDCOVER AND PERENI	NIALS - SPACE AT 18" O.C.	•					
RANDOMLY MIX THE FOLLOWING S	RANDOMLY MIX THE FOLLOWING SPECIES IN GROUPS IN THE QTY. PROPORTIONS SPECIFIED BELOW:						
ARCTOSTAPHYLOS UVA-URSI	6" HT	#1 CONT.					
FRAGARIA SP.	STRAWBERRY	15%	6" HT	#1 CONT.			
GAULTHERIA SHALLON	SALAL	15%	6" HT	#1 CONT.			
VANCOUVERIA HEXANDRA	INSIDE OUT FLOWER	15%	6" HT	#1 CONT.			

SEGMENT 3 SHRUB, GROUNDCOVER, AND PERENNIAL PLANTING SCHEDULE



# SEGMENT 3 TREE REPLACEMENT SCHEDULE: C.O.R. (NON-CRITICAL AREAS)

	,			,							
	KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	NATIVE	NON- NATIVE	ADAPTIVE	DROUGHT TOLERANT
DECIDUOUS	ACa	1	ACER CAMPESTRE	HEDGE MAPLE	2.5" CAL. MIN.	B&B	20' O.C.		х		х
~~~	AJ	2	ACER JAPONICA	AMUR MAPLE	2.5" CAL. MIN.	B&B	20' O.C.		х		
₹.}	AR	6***	ACER RUBRUM	RED MAPLE	2.5" CAL. MIN.	B&B	20' O.C.		х		
	BN	2	BETULA NIGRA	RIVER BIRCH	8' MIN-HT. 2.5" CAL. MIN., 3 STEM MIN.	B&B	25' O.C.		х		
	CC	5	CERCIS CANADENSIS	EASTERN REDBUD	2.5" CAL. MIN.	B&B	30' O.C.		х	х	х
	FL	12	FRAXINUS LATIFOLIA	OREGON ASH	2.5" CAL. MIN.	B&B	20' O.C.		х		
	GT	4**	GLEDITSIA TRIACANTHOS VAR. INERMIS	SUNBURST HONEY LOCUST	2.5" CAL. MIN.	B&B	25' O.C.		х		
	НІ	2	HAMAMELIS X INTERMEDIA 'ARNOLD'S PROMISE'	WITCH HAZEL	8' MIN-HT. 2.5" CAL. MIN., 3 STEM MIN.	B&B	10'-15' O.C.		х		
	LS	6	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2.5" CAL. MIN.	B&B	30' O.C.		х		
	PS	7***	PRUNUS SERRULATA 'KWANZAN'	FLOWERING CHERRY	2.5" CAL. MIN.	B&B	20'-25' O.C.		х		
	QG	3	QUERCUS GARRYANA	GARRY OAK	2.5" CAL. MIN.	B&B	30' O.C.	х			х
EVERGREEN	CD	1	CEDRUS DEODORA	DEODAR CEDAR	8' HT MIN.	B&B	25' O.C.		х		
M	CL	2	CHAMAECYPARIS LAWSONIANA	LAWSON CYPRESS	8' HT MIN.	B&B	15'-20' O.C.		х	х	х
7X	CLe	2	CUPRESSUS X LEYLANDII	LEYLAND CYPRESS	8' HT MIN.	B&B	30' O.C.		х		
	PL	17*	PRUNUS LUSITANICA	PORTUGUESE CHERRY LAUREL	15 GAL.	B&B	PER PLANS		х	х	
	PM	4	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	8' HT MIN.	B&B	20' O.C.	х			х
	РО	1	PICEA ORIENTALIS	ORIENTAL SPRUCE	8' HT MIN.	B&B	25' O.C.		х		
	PSy	1	PINUS SYLVESTRIS	SCOTS PINE	8' HT MIN.	B&B	20' O.C.	х			х
	RO	3*	RHODODENDRON 'VERY BERRY'	VERY BERRY RHODODENDRON	15 GAL.	B&B	PER PLANS		х	х	
	ТВ	1*	TAXUS BACCATA	ENGLISH YEW	15 GAL.	B&B	PER PLANS		х		
	TP	3	THUJA PLICATA	WESTERN RED CEDAR	8' HT MIN.	B&B	25'-30' O.C.	х			

NOTE: SEE DWG 4/SR333 FOR HISTORIC TREE REPLACEMENT PLANTING SCHEDULE. SEE DWG 1/SR332 FOR PLANTING SCHEDULE WITHIN WETLANDS AND WETLAND/STREAM BUFFERS.

- \* IN-KIND REPLACEMENTS OF (NON-SIGNIFICANT REMOVALS, <6"DBH) FOUND ON SR328, AS CAN BE DEFINED AS LARGE SHRUB OR SMALL TREE. THESE TREES ARE NOT REFLECTED IN REPLACEMENT DELTA CHART.
- \*\* (2) ARE IN-KIND REPLACEMENTS (NON-SIGNIFICANT REMOVALS, <6" DBH) FOUND ON DWG 1/SR321 AND KEYNOTE 8. THESE (2) TREES ARE NOT REFLECTED IN REPLACEMENT DELTA CHART.

\*\*\*SIX PRUNUS SERRULATA AND FIVE ACER RUBRUM ARE REPLACEMENT TREES FOR SIGNIFICANT REMOVALS IN CITY OF REDMOND PUBLIC RIGHT-OF-WAY. THESE ELEVEN (11) TREE REMOVALS ARE NOT REFLECTED IN THE COUNTS NOTED IN "SEGMENT 3 TREE REMOVAL AND REPLACEMENT" CHART BELOW

# SEGMENT 3 TREE REPLACEMENT PLANTING SCHEDULE



SEGMENT 3 TREE REMOVAL AND REPLACEMENT: C.O.R. (NON-CRITICAL AREAS, NON-ROW)							
	SIGNIFICANT TREE REMOVAL (1:1)	LANDMARK TREE REMOVAL (3:1)	ON SITE REPLACEMENT	TREE BANK REPLACEMENT	REQUIRED REPLACEMENT	ACTUAL REPLACEMENT	DELTA
TOTAL	45**	2	51	0	51**	51	0

\*\*THE COUNT IN THIS CHART DOES NOT REFLECT THE REMOVAL OF ELEVEN (11) SIGNIFICANT TREES IN CITY OF REDMOND PUBLIC RIGHT-OF-WAY. THE ELEVEN (11) REPLACEMENT TREES ARE NOTED IN THE "SEGMENT 3 TREE REPLACEMENT SCHEDULE" ABOVÉ.

# SEGMENT 3 TREE REMOVAL AND REPLACEMENT DELTA CHART



HISTORICAL TREE REPLACEMENT PLANTING SCHEDULE (K.C. PROPERTY)								
	KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES	
REMOVE	PoAl	4	POPULUS ALBA	WHITE POPLAR	VARIES, ALL LANDMARK	B&B	TREE ID # 1477, 1478, 1479, 1480	
REPLACE (1:1)	PoAl	4	POPULUS ALBA	WHITE POPLAR	2.5" CAL. MIN	B&B	SPECIES REQUIRES NURSERY PROPAGATION	

NOTE: REFER TO TPP11 AND SR325 FOR EXISTING LOCATION AND REPLACEMENT LOCATION.

## HISTORICAL TREE REPLACEMENT PLANTING SCHEDULE

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					1721 8th Ave N	206 325 6877
NO	REVISION DESCRIPTION	BY	APVD	DATE	Seattle, WA 98109	bergerpartnersh

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DESIGNED/DRAWN:	SCALE:	Г
J. FRISTENSKY	AS NOTED	
PROJECT ENGINEER:	0   REFERENCE   1"	ı
G. BROWER		
DESIGN APPROVAL:	FACILITY NUMBER:	ı
xxx	xxx	
PROJECT ACCEPTANCE:	CONTRACT NO:	ı
xxx	E00335E14	



DEPARTMENT OF NATURAL RESOURCES & PARKS WASTEWATER TREATMENT DIVISION LAKE HILLS TRUNK AND NORTHWEST LAKE SAMMAMISH INTERCEPTOR PROJECT

VARIES

**SEGMENT 3** 

**PLANTING SCHEDULE 2** 

September 2019 ROJECT FILE NO:

**SR333** 



